



U.S. Department of Transportation

National Highway Traffic Safety Administration

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If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

*** *** ***



Case Vehicle (A): 1999 Cadillac Type: DeVille, 4-door sedan Driver: 80-year-old male

CDC: 12-FDEW-1, 12-FLEN-1

SITUATION

(Slide 1) Case vehicle (A) was traveling west-northwest in the northbound lane of a dry, asphalt, two-lane roadway, (slides 2, 3, 4) with a speed limit of 89 kph (55 mph). The driver of case vehicle (A) reportedly fell asleep, crossed the southbound lane, departed the west side of the road and struck a culvert. Case vehicle (A) then became airborne for approximately 15 meters (fifty feet), went over a small tree, and traveled down the side of a steeply inclined embankment before it came to rest. The driver of case vehicle (A) reportedly attempted to exit the vehicle unassisted through the left-front door, but was unable to do so.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 5) Damage to case vehicle (A) was moderate. The direct-damage length from the impact with the culvert was 112 cm and began at the left-front bumper. The maximum crush to the bumper was 17 cm and occurred at the left-front bumper corner. The vehicle overlap was 68%. The left wheelbase was reduced 5 cm, and there was no significant change in the right wheelbase.

Using the WinSMASH accident-reconstruction program and (slides 6, 7, 8) c-values for case vehicle (A), the following impact severity was calculated for the impact with the culvert:

		Calculated	Velocity Change	- kph (mph)
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	EBS	14 (9)	-14 (-9)	0 (0)

This is probably a low estimate due to the direct damage to the vehicle undercarriage, which is not considered in the reconstruction algorithm.

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

(Slides 9, 10, 11, 12, 13) The front bumper, the left headlight assembly, the grille, the radiator, the left fender, and the undercarriage were damaged by the impact with the culvert. The edge of the left corner of the hood was crushed, but the hood latch was not damaged. Both hood hinges were undamaged and the rear edge of the hood was not elevated. The windshield was cracked along the bottom left side from impact forces. The left fender was buckled and displaced slightly rearward. All doors remained closed and operational.

Interior

(Slides 14, 15, 16, 17, 18, 19) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact with the culvert. No damage was noted to the airbag skins or (slides 20, 21, 22) to the module doors/flaps. There were blood stains on the back-left side of the driver airbag and on the lower-left side and upper-right corner of the passenger frontal-impact airbag. (Slide 23) The steering-wheel rim was not deformed and there was no deformation of the steering-wheel spokes. There were no intrusions. (Slides 24, 25, 26, 27, 28) No damage was noted to the upper and mid instrument panels. The right portion of the windshield was damaged by the cover of the deploying passenger frontal-impact airbag. (Slides 29, 30) No occupant contact marks were noted on the driver knee bolster. (Slide 31, 32) No contact points were noted on the left roof siderail, the left upper A-pillar, the windshield header/sunvisor, or the left-front door interior panel. Blood stains were also present on the lower-left steering-wheel rim. No intrusions were noted.

OCCUPANT INJURIES AND KINEMATICS

The 5-ft, 10-in, 194-lb, 80-year-old male driver (slides 33, 34) was wearing the available three-point belt, as indicated by a witness mark on the shoulder-belt webbing, and the steering-wheel airbag deployed. On impact, he moved forward into the three-point belt and the airbag. He sustained an abrasion to the nose, probably from his glasses interacting with the airbag. He sustained a contusion to his lower lip, probably from contact by the deploying airbag. He sustained a contusion to his left shoulder and a displaced fracture of the mid sternum, probably

from loading by the shoulder belt, but possibly from loading by the airbag. He sustained an abrasion to the left forearm, possibly from contact by the airbag. He also sustained an abrasion to his left knee, possibly from contact with the knee bolster, although no contact marks were identified. This injury may also have occurred during extrication of the driver, as he was pulled up and out of the left-front door of the steeply inclined car.

The following table and (slide 35) attached drawing summarize the injuries sustained by the driver.

Occupant: Driver Restraints: 3-point belt worn; airbag deployed

Age: 80 years Stature: 178 cm (5 ft, 10 in)

Gender: Male

Mass: 88 kg (194 lb)

		Injury Source		
Injury Description	A.I.S.	Definite	Probable	Possible
Abrasion, nose	1		Airbag/glasses	
			interaction	
Contusion, lower lip	1		Airbag	
Contusion, left shoulder	1		Shoulder belt	
Fracture, displaced, mid-sternum	2		Shoulder belt	Airbag
Abrasion, left forearm	1			Airbag
Abrasion, left knee	1			Knee bolster
Maximum A.I.S. Level	2			
Injury Severity Score	<u>5</u>			

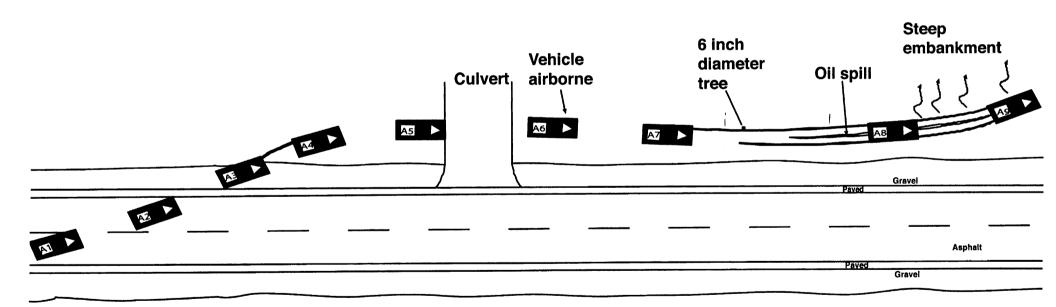
Duplicate columns 1-8 Module G I Format 0 from the previous card. 9 10 11	2 12	GENERAL INFORMATION	GI-1
TIME DATE OF COLLISION	-	ENVIRONMENTAL CONDITIONS CONSTRUCTION ZONE (0) NO (1) YES (9) UNKNOWN ROAD ALIGNMENT VERTICAL PLANE	<u>\$\psi_{33}\$</u>
LOCATION STATE: STATE FIPS CODE AREA (1) URBAN (2) RURAL (9) UNKNOWN	25 - 26 27	(1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN ROAD ALIGNMENT HORIZONTAL PLANE (1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: (9) UNKNOWN	34
ENVIRONMENTAL CONDITIONS LIMITED-ACCESS HIGHWAY (0) NO (1) YES (9) UNKNOWN ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE) (1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES	<u>Q</u> 28	SURFACE COVERING (10) DRY (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN (41) ICE (51) SLUSH (61) SPILLED GRAVEL	36 37
(6) PARKING LOT/DRIVEWAY (7) OTHER: (9) UNKNOWN INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR (8) NOT APPLICABLE TYPE OF ROAD SURFACE (1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: (9) UNKNOWN	30	(71) OTHER: (99) UNKNOWN VISIBILITY LIMITATION (FOR CASE VEHICLE) (0) NONE (1) CLOUDY/DARK (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: (8) ICE/SNOW (9) UNKNOWN VISIBILITY OBSTRUCTION (FOR CASE VEHICLE)	38
ROAD DEFECTS (0) NO (1) YES (9) UNKNOWN	<u>\$\tilde{Q}\$</u>	(0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: (8) PARKED VEHICLE (9) UNKNOWN	Q 39

		GENERAL INFORMATION GI-2
ENVIRONMENTAL CONDITIONS SPEED LIMIT (0) 5-45 km/h 5-25 mph (1) 46-55	6	MECHANICAL MALFUNCTION WAS THERE MENTION OF A MECHANICAL MALFUNCTION IN CASE VEHICLE (0) NO (1) YES (2) YES, DID NOT CONTRIBUTE TO ACCIDENT — (9) UNKNOWN THE FOLLOWING SECTION SHOULD BE FILLED OUT IF A MECHANICAL MALFUNCTION IS
(0) NONE (1) RAIN (2) SNOW (3) HAIL (4) FREEZING RAIN/SLEET (7) OTHER: (9) UNKNOWN RATE OF PRECIPITATION (1) LIGHT/MIST (2) MODERATE (3) HEAVY (8) NOT APPLICABLE (9) UNKNOWN TEMPERATURE (0) BELOW -15° C BELOW 5° F (1) -15 TO -6 5 TO 22 (2) -5 TO -1 23 TO 31 (3) 0 TO 2 32 TO 36 (4) 3 TO 5 37 TO 41 (5) 6 TO 15 42 TO 59 (6) 16 TO 25 60 TO 77 (7) 26 TO 35 78 TO 95 (8) OVER 35 OVER 96 (9) UNKNOWN CROSSWIND (0) NONE (1) LIGHT (2) STRONG (3) GUSTY & STRONG (9) UNKNOWN LIGHT CONDITIONS (1) DAYLIGHT (2) DAWN (3) DUSK (4) DARK, UNLIGHTED (5) DARK, UNLIGHTED (6) DARK, UNKNOWN IF LIGHTED (9) UNKNOWN	$\frac{9}{4}$ $\frac{9}{4}$ $\frac{1}{45}$	RECOGNIZED OR SUSPECTED. CIRCLE ITEMS INVOLVED. SUPPORT ANY ITEMS CIRCLED WITH COMMENTS. BRAKE SYSTEM DRIVER CONTROLS EXHAUST SYSTEM POWER TRAIN STEERING SYSTEM FUEL SYSTEM SUSPENSION SYSTEM VISIBILITY ITEMS ELECTRICAL SYSTEM TIRES THROTTLE CONTROLS UNKNOWN OTHER: COMMENTS: COMMENTS:

		GENERAL INFORMATION	GI-3
CRASH DETAILS CASE VEHICLE AND OBJECT (0) NO (1) YES (9) UNKNOWN CASE VEHICLE ROLLOVER (0) NO ROLLOVER (1) YES, FIRST EVENT	47	HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE) (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN	3
(2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)		DRIVER IMPAIRMENT DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)	
(0) NO (1) YES (9) UNKNOWN MOVING CASE VEHICLE AND	49	(0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/ NO DRIVER DRIVER ALCOHOL BAC	56
CONTACTED MOVING VEHICLE (0) NO (1) YES (9) UNKNOWN	50	(CASE VEHICLE) (80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN	. 80
CASE VEHICLE AND CONTACTED STOPPED VEHICLE (0) NO (1) YES (9) UNKNOWN	<u></u>	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE? (0) NO (1) YES (9) UNKNOWN	⊘
STOPPED CASE VEHICLE AND CONTACTED VEHICLE (0) NO (1) YES (9) UNKNOWN	<u>Ø</u> 52	LIST IMPAIRMENTS MENTIO	NED:
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH (8) 8 OR MORE (9) UNKNOWN	<u>✓</u>	POST - CRASH DETAIL MANNER CASE VEHICLE LEFT SCENE	
ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE) (0) NO (1) YES (9) UNKNOWN	<u>Ø</u>	 (1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN 	2

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling west-northwest in the CASE VEHICLE (A): 1999 Cadillac De	Ville.
northbound lane of a two-lane roadway. The driver of case vehicle (A) reportedly fell OTHER VEHICLE (B): N/A	
askep, crossed the southbound lane, departed the west side of the road and THIRD VEHICLE (C): N/A	
Struck a culvert. Case vehicle (A) then traveled down the side of a steeply inclined embankment before it	
came to rest,	
	NORTH



Duplicate columns 1-8 Module O V Format 0 from the previous card.	12	OTHER VEHICLE (OV-1
MAKE:	72.	CARGO:	
MODEL:			
VIN			
MANUFAC/BODY CODE	34	VEHICLE TYPE PASSENGER VEHICLE	
MAKE/MODEL CODE (02) (03) (17)		(02) LARGE (03) LIMOUSINE (17) PICKUP CAR (20) UNKNOWN PASSENGER VEHICLE BODY	56 57
MODEL YEAR	42	(24) SUB-MINI (25) MINI (26) SUB-COMPACT (27) COMPACT	
VEHICLE MASS (kg)	48	(28) INTERMEDIATE (29) FULL	
IF SEPARATE REPORT WAS MADE, (14 GIVE VEHICLE NUMBER		MULTIPURPOSE PASSENGER VEHICLE (14) SMALL UTILITY (WHEELBASE LESS THAN 107°, E.G. JEEP, BRONCO) (15) LARGE UTILITY (WHEELBASE MORE THAN 107°, E.G. PANEL TRUCK, SUBURBAN) (16) PICKUP TRUCK WITH CANOPY/SHELL COVER	
NUMBER OF OCCUPANTS (ENTER 9'S IF UNKNOWN)	NUMBER OF OCCUPANTS (17)		
TRAVELING SPEED (km/h)		TRUCK	
		(11) VAN (12) PICKUP TRUCK (13) UNKNOWN LIGHT TRUCK (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN) (16) PICKUP TRUCK WITH CANOPY/SHELL COVER (22) PICKUP TRUCK WITH SLIDE-IN CAMPER (30) UNKNOWN TRUCK TYPE (31) CHASSIS-MOUNTED CAMPER (33) DELIVERY VAN (WALK-IN)	
HIGHEST POLICE INJURY SEVERITY CODE FOR THIS VEHICLE		(34) STRAIGHT TRUCK (35) TRUCK-TRACTOR (BOBTAIL) (36) CHASSIS-CAB (37) UNKNOWN HEAVY TRUCK	
(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY		(38) TRACTOR & SEMI-TRAILER (SEMI) (39) TRUCK (OR SEMI) & FULL TRAILER(S) BUS	
		(40) UNKNOWN BUS TYPE (41) SCHOOL BUS (42) INTERCITY BUS (BETWEEN CITIES) (43) TRANSIT BUS (INTRACITY) (44) STREETCAR (ON TRACKS)	
(NOT APPLICABLE) (9) UNKNOWN		(68) TRAIN (CARS) (69) LOCOMOTIVE (ENGINE, SWITCHER)	
		(99) UNKNOWN	
		WHEELBASE <i>(cm)</i> (999) UNKNOWN	58 59 60

Duplicate columns 1-8 from the previous card. Module O V Format 0 11		R VEHICLE OV-2
ORIG	INAL SPECIFICATIONS	
Wheelbase cm	Front Overhang	cm
Curb Weightkg	Rear Overhang	cm
Average Track Width cm	Undeformed End Width (UEW)	cm
Overall Length cm	Engine Displacement	• L
Overall Width (OAW) cm	Engine: # of Cylinders	33 34
V	EHICLE DAMAGE_	
3.1.1 n		
N/A		
-		
-		
	TAL CRASH OVERLAP	am
Round up for .5. 98 = 98% or more Enter % overlap or "99" for missing or N/A.	Direct Damage Length (DDL)	cm
Front-End Overlap (Percent) =	DDLUEW	% 38 39
Vehicle Overlap (Percent) = DDL + 1/2 (OA) OAW	.W - UEW)	40 41

Duplicate columns 1-8 Module V D Format 0 4 from the previous card.	VEHICLE DESCRIPTION V	D-1
MAKE: <u>Cadillac</u> MODEL: <u>De Ville</u>	cargo: Golf clubs	
VIN 13 G 6 K D 5 4 >	YLXU	29
MANUFAC/BODY CODE $\frac{1}{30}$ $\frac{12}{2}$ $\frac{29}{34}$	STOLEN VEHICLE	
MAKE/MODEL CODE 1021	(0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	<u>8</u>
MODEL YEAR $\frac{1}{39} \frac{9}{9} \frac{9}{42}$		
VEHICLE MASS (kg) $\bigcirc \bigcirc \bigcirc$	BODY STRUCTURE (1) BODY & FRAME	2
ODOMETER (km) (ENTER 9'S IF UNKNOWN) (ENTER 8'S IF ELECTRONIC) 49 54	(2) UNITIZED (3) INTEGRAL-STUB FRAME (4) BODY & PLATFORM FRAME (E.G. VW BUG)	63
NUMBER OF OCCUPANTS (ENTER 9'S IF UNKNOWN) 999	(5) PARTIALLY UNITIZED (7) OTHER: (9) UNKNOWN	
TRAVELING SPEED (km/h) (000) PARKED OR STOPPED (995) JUST STARTING UP	TRANSMISSION	1
(996) BACKING UP (997) SPEED NOT EXCESSIVE (BUT UNKNOWN) (998) SPEED EXCESSIVE (BUT UNKNOWN) (999) UNKNOWN	(0) NONE (1) AUTOMATIC (2) MANUAL (9) UNKNOWN	64
VEHICLE TYPE	LOCATION OF TRANSMISSION	
PASSENGER VEHICLE (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR) (12) 2-DOOR SEDAN OR COUPE (ANY UPPER B-PILLAR) 60 61	SELECTOR LEVER (1) FLOOR (2) CONSOLE	<u>3</u>
(13) 4-DOOR HARDTOP (14) 4-DOOR SEDAN (15) STATION WAGON - (16) CONVERTIBLE	(3) COLUMN (7) OTHER: (9) UNKNOWN	
(18) OTHER PASS. VEH. :	STEERING	ı
(21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO) (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN) (23) VAN, SIZE UNKNOWN (24) VAN, SMALL (MINI)	(1) POWER (2) MANUAL (9) UNKNOWN	
(25) VAN, LARGE (29) MPV, TYPE UNKNOWN (30) MOTOR HOME	,,	
TRUCK (31) PICKUP TRUCK, UNKNOWN (32) PICKUP TRUCK, SMALL (DOWNSIZED)	BRAKES (1) POWER (2) MANUAL	1
(33) PICKUP TRUCK, LARGE (99) UNKNOWN	(2) MANUAL (9) UNKNOWN	67

		VEHICLE DESCRIPTION VD-2
TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	3 -	WHEELBASE (cm) (999) Unknown
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	8 70	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	2/71 D/72 3/73	FIELD INVESTIGATOR INSTRUCTIONS: 1. INDICATE CRUSHED AREAS BY <u>OUT-LINING NEW PERIMETER</u> OF VEHICLE AND <u>SHADING THE DAMAGED AREAS</u> ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. EXAMPLES:
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: (9) UNKNOWN	Q 74 1 75	ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)

Duplicate columns 1-8 from the previous card.

Module V D Format 0 2

VEHICLE DESCRIPTION

VD-3

ORIGINAL SPECIFICATIONS

Wheelbase

Front Overhang

$$\underbrace{\frac{1}{2}}_{22}\underbrace{\frac{4}{24}}_{24}$$
 cm

Curb Weight

Rear Overhang

$$\int_{2}^{2} \frac{1}{3} \underbrace{\frac{3}{24}}_{27} \operatorname{cm}$$

Average Track Width

$$\frac{1}{13} \frac{5}{5} \frac{5}{15}$$
 cm

Undeformed End Width (UEW)

$$\frac{1}{28} = \frac{5}{5} = \frac{27}{30} \text{ cm}$$

Overall Length

Engine Displacement

$$\frac{2}{4}$$
 $\frac{6}{3}$

Overall Width (OAW)

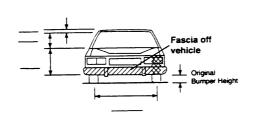
$$\frac{1}{19} \frac{9}{3} \frac{3}{21}$$
 cm

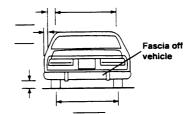
Engine: # of Cylinders

$$\frac{2}{33} \frac{2}{34}$$

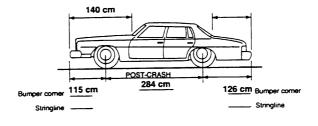
VEHICLE DAMAGE

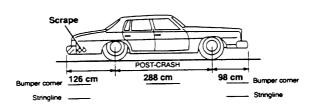
MEASUREMENTS IN CENTIMETERS











FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more Enter % overlap or "99" for missing or N/A. Direct Damage Length (DDL)

Front-End Overlap (Percent) = DDL UEW

* * * 6 8 _%

Vehicle Overlap (Percent) = DDL + 1/2 (OAW - UEW)
OAW

Duplicate columns 1-8 from the previous card. Module D	A Format 0 2	DAMAGE DA-1			
Primary .	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC			
EVENT NUMBER	13 0	0.08			
IMPACT SPEED (km/h)	$\frac{999}{14}$ $\frac{9}{15}$ $\frac{9}{16}$	$\frac{9}{35} \frac{9}{36} \frac{8}{37}$			
ESTIMATED BY	17	<u>\$</u>			
CRUSH (cm)	$Q_{18} \frac{1}{19} \frac{7}{20}$	$\frac{2}{39} \frac{2}{40} \frac{8}{41}$			
CDC #1	$\frac{1}{21}$ $\frac{1}{27}$ $\frac{1}{27}$	$\frac{9}{42} \frac{8}{4} \cdot \frac{9}{4} \cdot \frac{9}{4} \cdot \frac{9}{48}$			
CDC #2	$\frac{\mathcal{Q}}{28} \stackrel{\mathcal{G}}{\longrightarrow} \frac{\mathcal{O}}{\mathcal{O}} \stackrel{\mathcal{O}}{=} \frac{\mathcal{O}}{24} \stackrel{\mathcal{O}}{\longrightarrow} \frac{\mathcal{O}}{34}$	$\frac{2}{49} \frac{8}{2} \cdot \cancel{Q} \cancel{Q} \cancel{Q} \cancel{Q} \cancel{Q} \cdot \frac{\cancel{Q}}{55}$			
Duplicate columns 1-8 Module D // from the previous card. 9 10		CONTACTED VEHICLE ASSOCIATED CDC			
SECONDARY .	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED COC			
EVENT NUMBER	$\frac{2}{13}$				
IMPACT SPEED (km/h)	$\frac{9}{14} = \frac{9}{15} = \frac{9}{16}$	$\frac{Q}{35} \frac{Q}{36} \frac{8}{37}$			
ESTIMATED BY	17	S 38 4			
CRUSH (cm)	$\frac{Q}{18} \frac{Q}{19} \frac{Q}{20}$	$\frac{9}{39} \frac{9}{40} \frac{8}{41}$			
- CDC #1	12 FLE N. I	<u>980000</u>			
CDC #2	$\frac{O_1}{28} \cdot \underline{O} \cdot \underline$	<u>9</u> 800000			
Codes					
EVENT NUMBER (8) NOT APPLICABL	IMPACT SPEED ESTIMATOR E (1) INVESTIGATOR	CRUSH (998) NOT APPLICABLE			
(9) UNKNOWN IMPACT SPEED	(2) DRIVER (3) POLICE (4) "CRASH" PROGRAM	(NO VEHICLE/DAMAGE) (999) UNKNOWN			
(998) NOT APPLICAL (999) UNKNOWN	(5) OTHER COMPUTER PROGRAM	CDC (9800000) NOT APPLICABLE (9900000) UNKNOWN			

Duplicate columns 1-8 Mo from the previous card.	odule <u>D</u> <u>A</u> Format <u>0</u> <u>1</u> 1 12		DAMAGE DA-2	
MAXIMUM SHEET METAL CRUSH				
(cm) (999) UNKNOWN				
FRONT	<u> </u>	RIGHT SIDE	$ \underline{\mathcal{O}}_{16} \underline{\mathcal{O}} \underline{\mathcal{O}}_{18} $	
REAR ($ \underbrace{\mathcal{D}}_{19} \underbrace{\mathcal{D}}_{21} \underbrace{\mathcal{D}}_{21} $	LEFT SIDE _	$Q \mathcal{Q} \mathcal{Q}$	
ROOF ($\mathcal{Q}_{25} \mathcal{Q} \mathcal{Q}_{27}$	OTHER 9	$\mathcal{Q}_{28} \mathcal{Q} \mathcal{Q}_{30}$	
		CAL SEQUENCE		
		DDUCING CRASH EVENTS E VEHICLE		
	FOR CASE	E VEHICLE		
NOTE: IF CHRONOLOGICAL ORDER IS UNKNOWN, EVENT ORDER IS OPTIONAL. DO YOU KNOW THIS TABLE TO BE IN CHRONOLOGICAL ORDER? (0) NO (1) YES				
	T	<u></u>		
EVENT NUMBER	IMPACT LOCATION	IMPACT CONFIGURATION	OBJECT/VEHICLE CONTACTED	
	(1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER	FOR CODES, SEE TABLE ON PAGE DA-3.	FOR CODES, SEE TABLE ON PAGE DA-4.	
	(6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN		2.0	
- # 1	3	17	<u>82</u>	
#2	3 3 3 37	1 💃	7 4	
#3	42			
- #4	47	49	— 	
#5	52			
#6	57		 61	
#7				

CODES FOR IMPACT CONFIGURATION

FRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T) (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

(99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- NO OBJECT
- (01) (39) PASSENGER VEHICLE & TRUCK
- (40) (69) OTHER VEHICLE
- (70) (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) (97) OFF-ROADWAY OBJECT
- OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE

WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107". E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- __ (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 75 cc (52) 76 125 cc
- (53) 126 250 cc
- · (54) 251 500 cc
 - (55) 501 750 cc
 - (56) 751 cc +
 - (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN) (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8 Module C From the previous card. 9 10	R Format 0 1 12		H RECONSTRUCT	TION CR-1
	CASE VEHICLE P	RIMARY IMPACT	CASE VEHICLE SEC	CONDARY IMPACT
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	13	·	<u>2</u>	
ΔV (km/h) TOTAL	<u>Q</u> 1 4 15 16	$\frac{8}{32}\frac{8}{33}\frac{8}{34}$	999	$\frac{9}{66}\frac{9}{67}\frac{9}{68}$
LONGITUDINAL	$\frac{}{}$	8 8 8 8 8 35	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{\mathcal{S}}{\mathcal{S}} \frac{\mathcal{S}}{\mathcal{S}} \frac{\mathcal{S}}{\mathcal{S}} \frac{\mathcal{S}}{\mathcal{S}}$
LATERAL*	$\left \frac{1}{21} \Phi \Phi \Phi \frac{\Phi}{24} \right $	8 8 8	9999	$\frac{88}{73} = \frac{8}{76} = \frac{8}{76}$
NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.	21 24	39 42		70
EXAMPLES: $10 \text{ km/h} = \pm 0.10$ -7 km/h = ± 0.07				
ENERGY DISSIPATED BY CRUSH (kg)	$ \bigoplus_{\substack{25\\25}} \mathcal{O} \stackrel{1}{=} \stackrel{\cancel{b}}{=} $	8 8 8 8	9999	<u>₹888</u>
RECONSTRUCTION	16100			
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	$\frac{2}{2}$		1 0	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL (22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL (23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA (03) EXCESSIVE UNDERRIDE/ OVERRIDE (04) ROLLOVER (05) VAULTING (06) OTHER TRAVEL IN MORE THAN ONE PLANE (07) NON-HORIZONTAL FORCE (08) SIDESWIPE-TYPE DAMAGE (09) YIELDING OBJECT (10) OTHER: Damage Masked (11) AT LEAST ONE VEHICLE (57) BEYOND SCOPE (12) OTHER VEHICLE NOT INSPECTED	by			
MODE				
(1) CDC ONLY (2) CDC & DETAILED DAMAGE (3) TRAJECTORY & CDC (4) TRAJECTORY & CDC & DETAILED DAMAGE (5) NOT RECONSTRUCTED	31		5 65	
COMPUTER PROGRAM SPECIFY: WIN S MAS A				

·	R Format 0 2 11 12		H RECONSTRUCT	TION CR-2
	CASE VEHICLE P	RIMARY IMPACT	CASE VEHICLE SE	CONDARY IMPACT
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	13		2	
EBS (km/h) TOTAL	14 15 16	$\frac{8}{32} \frac{8}{33} \frac{8}{34}$	$\frac{999}{48} = \frac{9}{49} = \frac{9}{50}$	& & & & & & & & & & & & & & & & & & &
LONGITUDINAL*	$\frac{-Q}{17} = \frac{1}{20} = \frac{4}{20}$	8888	$\frac{9999}{51} = \frac{9}{54}$	69 72
LATERAL*	7000	8888	9999	8888
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.	21 24	3942	55 58	73 76
EXAMPLES: 10 km/h = ± <u>Q 1 Q</u> -7 km/h = <u>- Q Q 7</u>				
ENERGY DISSIPATED BY CRUSH (kj)		<u>\$</u> <u>&</u> <u>&</u> <u>&</u> <u>&</u>	$\frac{9}{59} = \frac{9}{62} = \frac{9}{62}$	8 8 8 8 37 8 8 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	22		1 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL (22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL (23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL			3 44	
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA (03) EXCESSIVE UNDERRIDE/ OVERRIDE (04) ROLLOVER (05) VAULTING (06) OTHER TRAVEL IN MORE THAN ONE PLANE (07) NON-HORIZONTAL FORCE (08) SIDESWIPE-TYPE DAMAGE (09) YIELDING OBJECT (10) OTHER: Damage model (11) AT LEAST ONE VEHICLE 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	et-			
MODE			_	
(1) CDC ONLY (2) CDC & DETAILED DAMAGE (3) TRAJECTORY & CDC (4) TRAJECTORY & CDC & DETAILED DAMAGE (5) NOT RECONSTRUCTED	31		5_65	·
COMPUTER PROGRAM SPECIFY: WINSIWASH			·	

Duplicate columns 1-8 from the previous card.

Module <u>C</u> <u>R</u> Format <u>0</u> <u>3</u>

CRASH RECONSTRUCTION

CR-3

NOTES:

- 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
- 2. MEASURE C $_1$ TO C $_6$ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

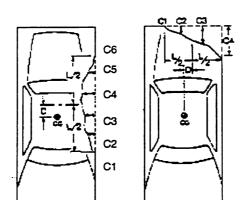
CASE VEHICLE

LOCATOR

- 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
- 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
	Begins () front bumper corner	B.C. to B.C.



DL 112 UDL 43

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other_
- (9) Unknown

CRUSH PROFILE IN CENTIMETERS

	NOTE: Each line in the table below is a separate record (card).					Dur	olicate colu	ımns 1 - 1	2 for each	completed	l line.
Specific Impact Number	Plane of Impact C-Measur.	Direct Length (DDL)	Damage Max Crush	Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
1	Bumper	112	U	146	37	16	7	5	8	17	-22
-	Bumper Freespace				-23	-9	-3	-3	– ৭	-23	
					14	ソ	4	2	-1	-6	
-	+ String line				+3	+3	+3	73	+3	43	
_ 1	1	112	Ø17	146	017	OIO					-022
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module <u>C</u> <u>R</u> Format <u>0</u> <u>4</u>

CRASH RECONSTRUCTION

CR-4

NOTES:

- 1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN <u>CENTIMETERS</u>.
- 2. MEASURE C $_{\rm 1}$ TO C $_{\rm 6}$ FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

OTHER VEHICLE

LOCATOR

- 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
- 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

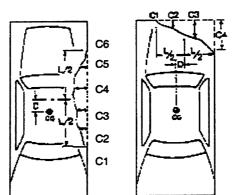
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L



PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _
- (9) Unknown



DL _____

UDL ____

CRUSH PROFILE IN CENTIMETERS

l .	NOTE: Each	line in the tab	le below is a s	separate reco	ora (cara).	υu	olicate coll	111115 1 - 1	2 for each	completed	ı iirie.
Specific Impact Number	Plane of Impact C-Measur.	Direct Length (DDL)	Damage Max Crush	Field L	C ₁	C ₂	Сз	C ₄	C ₅	C ₆	±D
-											
1											
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
-											
2											

Duplicate columns 1-8 Module W T Format 0 from the previous card.		WHEELS AND TIRES WT-1
WHEELSDAMAGED LF (0) NO RF (1) YES (9) UNKNOWN RR	(A) 13 (B) 16 (B	SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S) LF $\frac{P22560SR16}{P2522560SR16}$ RF $\frac{P22560SR16}{P222560SR16}$
TIRE TREAD TYPE LF (1) REGULAR (2) SNOW RF (3) SLICKS (4) ALL WEATHER (MS) (7) OTHER: RR (9) UNKNOWN LR	4 17 4 4 4 20	LR P22560SR16
CARCASS CONSTRUCTION LF (1) BIAS (2) BELTED BIAS (3) RADIAL (4) ELLIPTICAL (5) HI PRESSURE SPARE (6) SPACE SAVER SPARE (7) OTHER: (9) UNKNOWN LR	3 3 3 3 2	
IF VEHICLE IS EQUIPPED WITH DUAL WHEELS, COMPLETE FOR OUTER WHEELS AND MAKE NOTES ON INNER WHEELS. NOTES:		

Duplicate columns 1-8 Module F T Format 0 9 10 11		FUEL AND FUEL TANKS	FT-1			
TYPE OF PROPULSIVE FUEL (1) GASOLINE (2) DIESEL OIL (3) LPG (4) ELECTRIC (7) OTHER: (9) UNKNOWN	13	AUXILIARY TANK TYPE (1) OEM TANK (2) AFTER MARKET TANK (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	<u>8</u> 21			
MAIN TANK LOCATION	1/12/16	AUXILIARY TANK LOCATION	888			
MAIN FILLER CAP LOCATION	1,13	AUXILIARY FILLER CAP LOCATION	888			
MAIN TANK MATERIAL	3 20	AUXILIARY TANK MATERIAL	8 <u>28</u>			
TANK AND F	FILLER C	AP LOCATION CODES				
FIRST DIGIT (LONGITUDINAL)						
(2) IN F	HIND KICK- KICK-UP TWEEN KIC	.UP CK-UP & COWL				

- (3) BETWEEN KICK-UP & COWL(4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8 from the previous card.

Module F L Format 0 1 12

FUEL LEAKAGE

FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.



		11	Ш	IV	V	
LEAK NUMBER	LEAKING COMPONENT	COMPONENT SOURCE	TYPE OF DAMAGE	SEVERITY OF DAMAGE	LOCATION OF LEAK	EVENT NUMBER
#1	14 15	_				21
#2	22 23					29
#3	30 31					37
#4	38 39	—	_			45
#5	46 47					53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
 - (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
 - (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO
- CARBURETOR OR INJECTOR PUMP)
 (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN
- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F. FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8 Module F R Format 0 from the previous card.		FIRE	FR-1
WAS THERE FIRE IN (0) NO <u>SKIP</u> PAC (1) YES <u>COMPLE</u>	GE.	CASE VEHICLE?	
DID FIRE START IN CASE VEHICLE? - (0) NO (1) YES (9) UNKNOWN	14	SEVERITY OF FIRE DAMAGE (1) MINOR (2) MODERATE (3) SEVERE (9) UNKNOWN	16
FLAME PROPOGATION RATE (1) RAPID/EXPLOSIVE (2) SLOW/MODERATE (9) UNKNOWN	15	DID AN INJURY TO CASE VEHICLE OCCUPANT RESULT FROM FIRE IN OR ON CASE VEHICLE? (0) NO (1) YES (9) UNKNOWN	17

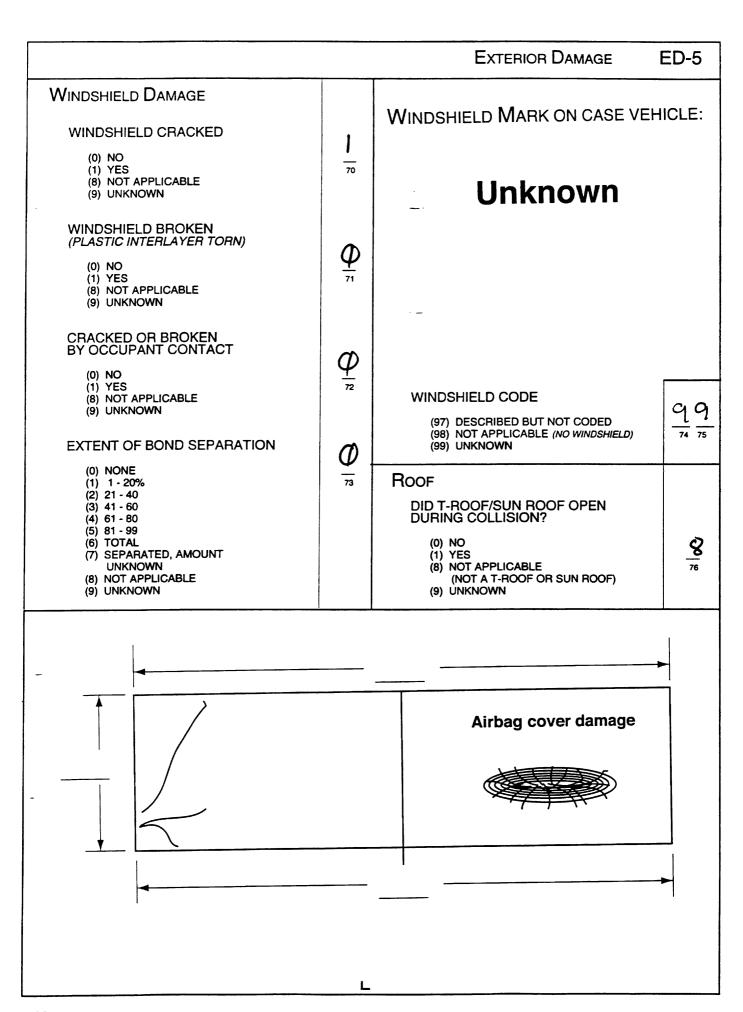
PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8 Module E D Format (from the previous card.	0 1 EXTERIOR DAMAGE	ED-1
HOOD PERFORMANCE FOR THE FOLLOWING, USE CODES: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	STEERING COL FLEXIBLE COUPLING FLEXIBLE COUPLING TYPE (0) NONE (1) FLEXIBLE MATERIAL (2) POT (3) SINGLE U-JOINT (4) DOUBLE U-JOINT (5) FLEXIBLE CABLE (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OTHER:	<u>9</u> 26
-PELEASED -DAMAGED -JAMMED	(8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN, IF EQUIPPED COUPLINGDAMAGED (USE CODES FROM HOOD PERFORMANCE) -SEPARATED	9 27 9
HOOD HINGESLEFT, DAMAGED -LEFT, SEPARATED	(COMPLETE)	28
(COMPLETE) -RIGHT, DAMAGED -RIGHT, SEPARATED (COMPLETE) HOOD REMAINED ON VEHICLE	ENG COMPART TELESCOPING UNIT TYPE OF UNIT	8 8 29 30
REAR EDGE OF HOODELEVATED CONTACTED WINDSHIELDPENETRATED WINDSHIELD	ORIGINAL LENGTH (mm) F (OR H): TELESCOPED LENGTH (mm)	
HOOD LATCH LOCATION (1) FRONT OF VEHICLE (2) COWL AREA (3) SIDE (8) NOT APPLICABLE (9) UNKNOWN	G: DIFFERENCE (mm) F (OR H) - G (IF LESS THAN 15mm, ENTER *000*.)	
ENGINE OR TRANSMISSION MOUNT SEPARATION (COMPLETE) (0) NO (1) YES (9) UNKNOWN	(888) NOT COLLECTED (991) NOT MEASURED/NO COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 8 8

		EXTERIOR DAMAGE	ED-2
LEFT-SIDE BODY MOUNT DID BODY MOUNT SEPARATE? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8/34	LEFT DOORS HOW DID DOORS OPEN DURING COLLISION? USE CODES:	
LEFT PILLARS PILLARS SEPARATED COMPLETELY - USE CODES: (0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN		(0) DOOR DID NOT OPEN OPENED BECAUSE OF (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN	
-A-PILLAR, UPPER LOWER		(8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN -FRONT	
-B-PILLAR, UPPER LOWER -C-PILLAR, UPPER	9 37 10 38 10 39	DOORS JAMMED CLOSED- USE CODES: (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	
LOWER	9 40 S 1	-FRONT -REAR	Ø 45 Ø 46
-D-PILLAR, UPPER	0 42		

		EXTERIOR DAMAGE	ED-3
REAR DOOR REAR DOOR TYPE (0) NO DOOR (INCLUDES PICKUPS) (1) HATCHBACK (2) ONE-WAY TAILGATE (3) TWO-WAY TAILGATE (4) CLAMSHELL/DISAPPEARING TAILGATE (5) SINGLE DOOR (6) DOUBLE DOOR	47	OTHER REAR DAMAGE WAS PARTITION TO LUGGAGE AREA DAMAGED DURING COLLISION? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN SPARE TIRE	Q ₅₀ 8
(9) UNKNOWN Hatchback One-way Two-way Clamshell Single door Double door		(0) NO SPARE TIRE (1) NOT ATTACHED BEFORE COLLISION (2) ATTACHED, NOT SEPARATED IN COLLISION (3) ATTACHED, SEPARATED DUE TO COLLISION (8) NOT COLLECTED (9) UNKNOWN TRAILER HITCH TYPE (0) NO HITCH BALL-AND-SOCKET TYPES (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON) (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK) (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING) (4) LOAD EQUALIZING OTHER TYPES (5) RING-AND-PINTLE (6) FIFTH-WHEEL (INCL PU)	51
HOW DID DOOR OPEN DURING COLLISION? (0) DOOR DID NOT OPEN OPENED BECAUSE OF (1) HINGE AREA SEPARATION (2) DOOR-LATCH SEPARATION (3) LATCH-STRIKER SEPARATION (4) STRIKER-PILLAR SEPARATION (5) BODY DISTORTION (6) COMBINATION OF ABOVE (CIRCLE EACH) (7) OPENED, REASON UNKNOWN (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN DOOR JAMMED CLOSED (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR) (9) UNKNOWN	8 48	(7) OTHER (E.G. CLEVIS-AND-PIN) (8) EQUIPPED, TYPE UNKNOWN (9) UNKNOWN IF EQUIPPED TRAILER TYPE (AT TIME OF COLLISION) (0) NO TRAILER (1) TRAVEL-TRAILER/CAMPER (2) MOBILE HOME (3) BOAT/SNOWMOBILE/ATV TRAILER (4) UTILITY TRAILER (5) TOWED CAR (7) OTHER: (8) TRAILER, TYPE UNKNOWN (9) UNKNOWN	₽ 53

		Exterior Damage E	ED-4
RIGHT-SIDE BODY MOUNT DID BODY MOUNT SEPARATE? (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	<u>\$</u>	RIGHT DOORS HOW DID DOORS OPEN DURING COLLISION? USE CODES:	
RIGHT PILLARS PILLARS SEPARATED COMPLETELY - USE CODES: (0) NO (1) YES (4) NO SEPARATION, BUT DAMAGED (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN		(00) DOOR DID NOT OPEN OPENED BECAUSE OF (01) HINGE AREA SEPARATION (02) DOOR-LATCH SEPARATION (03) LATCH-STRIKER SEPARATION (04) STRIKER-PILLAR SEPARATION (05) BODY DISTORTION (06) COMBINATION OF ABOVE (CIRCLE EACH) (07) OPENED, REASON UNKNOWN (11) VAN RIGHT-REAR DOOR OPENED (ANY MECHANISM)	
-A-PILLAR, UPPER	⊉ 55	(98) NOT APPLICABLE (NO DOOR) (99) UNKNOWN -FRONT	$O_{\overline{63}} O_{\overline{64}}$
LOWER -B-PILLAR, UPPER	<u>⊕</u> <u>56</u> <u>⊕</u> <u>57</u>	-REAR	Ø Ø 65 66
LOWER		DOORS JAMMED CLOSED- USE CODES: (0) NO (1) YES (8) NOT APPLICABLE (NO DOOR)	
-C-PILLAR, UPPER - LOWER		(9) UNKNOWN -FRONT	$\frac{\mathcal{O}}{\overline{G}}$
-D-PILLAR, UPPER	<u>8</u> €1	-REAR	68
- LOWER	8 8	VAN REAR DOOR TYPE (0) VAN, NO REAR DOOR (1) TRACK (SLIDING) - RIGHT SIDE (2) SINGLE-HINGED - RIGHT SIDE (3) DOUBLE-HINGED - RIGHT & LEFT SIDE (4) TRACK (SLIDING) - RIGHT & LEFT SIDE (5) SINGLE-HINGED - RIGHT & LEFT SIDE (6) DOUBLE-HINGED - RIGHT & LEFT SIDE (7) TRACK AND HINGED COMBINATION (8) NOT APPLICABLE (NOT A VAN) (9) UNKNOWN	<u>₹</u>



Duplicate columns 1-8 Module S C Format C from the previous card. 9 10 1:	1 12	STEERING WHEEL AND COLUMN	SC-1
STEERING WHEEL RIM DAMAGE (0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN	13	STEERING WHEEL POSITION AT TIME OF COLLISION IN WHAT O'CLOCK POSITION WAS THE NORMAL TOP OF THE WHEEL POINTED WHEN THE COLLISION OCCURRED? EXAMPLES O'CLOCK = 1 2 O'CLOCK = 1 2	R VIEWE
NUMBER OF STEERING WHEEL SPOKES (9) UNKNOWN	4	(NORMAL STRAIGHT O'CLOCK = $\frac{99}{100}$	
STEERING WHL SPOKE DAMAGE (0) NONE (1) DEFORMED SLIGHTLY (2) SEVERELY BENT (3) BROKEN (9) UNKNOWN	15	STEERING WHEEL ENERGY ABSORBING DEVICE (1) EXAMPLES: BARRACUDA, 70-74 CHALLENGER, 70-74 CAPRI, 71-77	
STEERING COLUMN OPTIONS		(2) EXAMPLES: OMNI, 78 - HORIZON, 78 -	
TILT FEATURE (0) NOT EQUIPPED (1) YES, EQUIPPED, UNK POSITION (2) UP (3) MIDDLE (4) LOWER (9) UNKNOWN IF EQUIPPED	2 16	TYPE OF DEVICE (0) NONE (1) CONVOLUTED OR MESH CYLINDER (2) DEEP DISH STEERING WHEEL (7) OTHER: (8) NOT COLLECTED (9) UNKNOWN IF EQUIPPED ORIGINAL DIMENSION (mm)	8 19
SWING-AWAY FEATURE (0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED	<u>—</u>	A: DAMAGE DIMENSION (mm) B: DIFFERENCE (mm)	
TELESCOPING FEATURE (0) NOT EQUIPPED (1) YES, EQUIPPED (9) UNKNOWN IF EQUIPPED	18	A - B (888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO MEASURE (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 8 8 2

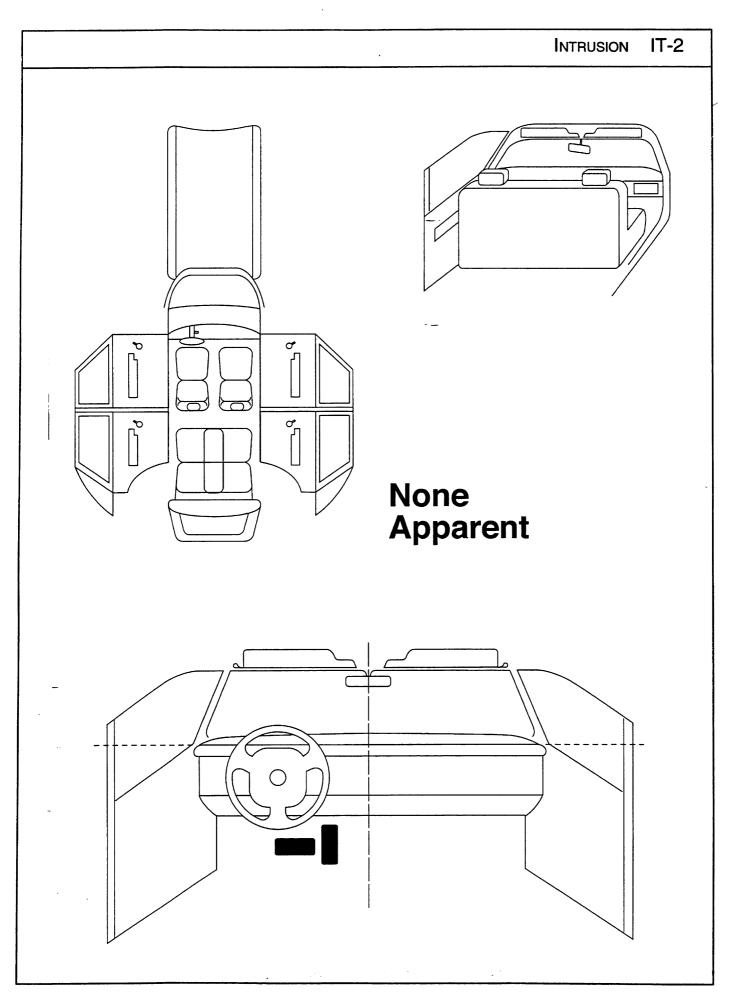
		STEERING WHEEL AND COLUMN SC-2
STEERING COLUMN ENERGY ABSORBING DEVICE		STEERING WHEEL (CONTINUED)
TYPE OF DEVICE * (IF 27 OR 28)		STEERING WHEEL HUB DAMAGE
(00) NOT EQUIPPED (88) NOT COLLECTED (99) UNKNOWN ORIGINAL LENGTH (mm)	8 8 24	(0) NONE (1) OCCUPANT CONTACT (2) AIRBAG (3) OTHER (9) UNKNOWN
C:		
COMPRESSED LENGTH (mm)		
D:		•
BRACKET DEFLECTION (IF CODE 36, 48, OR 49 ABOVE)		· -
COMPRESSION (OR EXTRUSION) (mm)		
C - D (OR E) (TOLERANCE: ±10)		
(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT COMPRESSION (992) COMPRESSED, AMOUNT UNKNOWN (993) DEVICE EXTENDED (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 8 8 27	
* (ADD A & B FOR TOTAL COMPRESSION)		
SHEAR CAPSULE SEPARATION (mm)		
S (USE AVG. OF LEFT & RIGHT CAPSULES.)		
ET:		
(888) NOT COLLECTED (991) NOT MEASURED/NO APPARENT SEPARATION (992) SEPARATED, AMOUNT UNKNOWN (997) UNABLE TO BE MEASURED (998) NOT APPLICABLE (NOT EQUIPPED) (999) UNKNOWN	8 8 8 30	
COLUMN VERTICAL ROTATION (0) NO APPARENT ROTATION (1) UPWARD APPARENT ROTATION (2) DOWNWARD APPARENT ROTATION (9) UNKNOWN	<u></u>	
COLUMN LATERAL ROTATION		
(0) NO APPARENT ROTATION (1) LEFT APPARENT ROTATION (2) RIGHT APPARENT ROTATION (9) UNKNOWN	<u> </u>	

1 = Definitely 2 = Probably 3 = Possible

		(All Measurements Are in Centimeters)					Dominant	
Location of Intrusion	Intruded Component	Comparison Value	_	Intruded Value	=	Intrusion	Crush Direction	
·	Intruded Component	value	_	value	=	Intrasion	Direction	
	None				=			
	Apparent				=			
			_		=			
			_	<u>.</u>	=			
					=			
		T	_					
					=			
			_		=			
			_					

OCCUPANT CONTACT WORKSHEET

					Confidence
	Interior	Occupant	Body		Level of
	Component	No. if	Region		Contact
Contact	Contacted	Known	if Known	Supporting Physical Evidence	Point
Α				None	
_ B				Apparent	
C					
-D					
E					
F					
[^] G					
Н					
ı					
J					
K					



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

(1) LEFT	(3) RIGHT		INDIVIDUAL SEAT
(1) LEFT	(2) CENTER	(3) RIGHT	BENCH: FULL WIDTH 3 PASSENGER
(1) LEFT	(2) LEFT CENTER	(6) RIGHT (3) RIGHT CENTER	BENCH: FULL WIDTH 4 PASSENGER
(1) LEFT	(2) CENTER	(5) RIGHT &AISLE SPACE	BENCH: PARTIAL WIDTH, LEFT
(0) LEFT & SPACE	(2) CENTER	(5) RIGHT &SPACE	BENCH: PARTIAL WIDTH, CENTERED
(4) ENTIRE	VEHICLE WIDTH		. CARGO AREA

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR 5 PASSENGERS

VAN 12 PASSENGER CAPACITY

X			X	11			13	
x	X	X				21	22	25
x	X	X				31	32	35
X	X	X	X	41	42	46	43	

CODES FOR COLUMN F, MEASUREMENT AXIS

(X) X-AXIS (FORE & AFT)

(Y) Y-AXIS (LATERAL)

(Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT	INJURY	
NUMBER	NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

IT-4 INTRUSION

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/ SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER COMPARTMENT BUT PART OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE.
- JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS INTRUDED INTO A SINGLE OCCUPANT SPACE.

- (50)WINDSHIELD HEADER A-PILLAR
- ROOF SIDE RAIL
- (51) INSTRUMENT PANEL A-PILLAR DOOR PANEL
- (52)INSTRUMENT PANEL
 - A-PILLAR
 - WINDSHIELD HEADER
- (53) DOOR PANEL **B-PILLAR ROOF RAIL**
- (54) DOOR PANEL A-PILLAR
 - **ROOF RAIL**
- (55)INSTRUMENT PANEL FLOOR PAN
 - A-PILLAR DOOR FRAME
- (56) ROOF RAIL
 - A-PILLAR **B-PILLAR**
 - WINDOW FRAME
- (57)ROOF RAIL A-PILLAR **B-PILLAR**
 - C-PILLAR DOOR PANEL
- (58)ROOF **ROOF RAIL** WINDOW FRAME
 - DOOR PANEL
- (59)BACKLIGHT HEADER ROOF
 - C-PILLAR
 - THIRD SEAT-BACK

- (60)ROOF **ROOF RAIL** A-PILLAR **B-PILLAR** C-PILLAR WINDOW FRAME DOOR PANEL
- (61)INSTRUMENT PANEL
 - **TOE PAN**

FLOOR PAN

- WINDSHIELD HEADER
- A-PILLAR **ROOF RAIL**
- WINDOW FRAME DOOR PANEL
- ROOF
- (62)ROOF
 - **ROOF RAIL** C-PILLAR
 - WINDOW FRAME
 - **FLOOR PAN**
 - SECOND SEAT
 - DOOR PANEL
- (63)ROOF RAIL **ROOF**
 - **B-PILLAR**
 - WINDOW FRAME
 - **FLOOR PAN**
 - DOOR PANEL
 - SECOND SEAT

 - FRONT SEAT
- (64)ROOF RAIL
- ROOF OR CONVERTIBLE TOP A-PILLAR
- **B-PILLAR**
- WINDOW FRAME WINDOW HEADER
- (65)WINDSHIELD WINDSHIELD HEADER
 - **ROOF SIDE RAIL**
- (66)WINDSHIELD
 - WINDSHIELD HEADER A-PILLAR
- (98)NOT APPLICABLE
- (99)UNKNOWN

Duplicate columns 1-8 Module	I T Format 0 1	Inti	RUSION IT-5						
_	9 10 11 12								
WAS THERE OCCUPANT COMP (0) NO <u>DO NOT</u> ANSWER NEXT (1) YES <u>ANSWER</u> NEXT QUESTION (9) UNKNOWN <u>SKIP PAGE</u> .	13 **QUESTION. <u>SKIP PAGE</u> .	VAS INTRUSION CATAS (0) NO <u>COMPLETE</u> PA (1) YES <u>SKIP</u> PAGE.	14						
Duplicate columns 1-8 Module _ from the previous card. NOTE: Each line in the table below is	T Format 0 2 9 10 11 12 s a separate record (card). Duplicate column	s 1 - 12 for each completed	iine.						
INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES. CODES FOR B, F, G, H, I, J ON PAGE IT-3 CODES FOR C ON PAGE IT-4 OCCUPANT CONTACT AND INJURY									
A B C INTRUDING A INTRUSION OCC. COMPONENT B	D E F G ASSOC. MAXIMUM MAXIMUM MAXIMUM EVENT INTRUSION INTRUSION INTRUSION	H I	J K OCCUPANT INJURY						
NUMBER SPACE NO. OR OBJECT	NO. X AXIS (cm) Y AXIS (cm) Z AXIS (cm)	NUMBER NUMBER	NUMBER NUMBER						
13-14 15-16 17-18	19 20-21 22-23 24-25	26-27 28-29	30-31 32-33						
01									
02									
03									
04 —— ——									
05									
06									
0 7	N 7 INTRUSIONS.								
Duplicate columns 1-8 Module I from the previous card.									
NOTE: IF NO SIDE DOOR INTRUSION, SKIP REMAINDER OF PAGE. SIDE DOOR INTRUSION RESULTED FROM	IF DAMAGE TO DOOR CO DOOR INTRUSION, CODI INTRUSION DAMAGED NUMBER COMPONENT	E COMPONENT DAMAGED	CODES						
LINTRUSION NUMBER CAUSE CODES FOR CAUSE: 13 15 (1) DIRECT IMPACT 16 18 (2) INDUCED DAMAGE	A	25 29 33	(0) NONE (1) A-PILLAR (2) B-PILLAR (3) C-PILLAR (4) LATCH/STRIKER (5) HINGES (7) OTHER:						
19 21 (9) UNKNOWN	D	37	(8) NOT APPLICABLE (9) UNKNOWN						

Duplicate columns 1-8 from the previous card.

INTRUSION

IT-6

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE --

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.

CODES FOR B, F, G, H, I, J ON PAGE IT-3

CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A INTRUSION NUMBER	B OCC. SPACE NO.	C INTRUDING COMPONENT OR OBJECT		E MAXIMUM INTRUSION X AXIS (cm)	F MAXIMUM INTRUSION Y AXIS (cm)	G MAXIMUM INTRUSION Z AXIS (cm)	H OCCUPANT NUMBER	I INJURY NUMBER	J OCCUPANT NUMBER	K INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
08			_							
0 9									——	
10										
1 1										
1 2										
1 3										
1 4										
1 5										
<u>1</u> <u>6</u>			_							
1 7										
1 8			_							
1 9			_							
2 0										
2 1			_							
22										
2 3										
2 4										
2 5										

Duplicate columns 1-8 from the previous card.	Modu	ele <u>I</u> <u>D</u> 9 10	Format <u>0</u> <u>1</u> 12	ln:	TERIOR DAMAGE ID)-1
со	Ċ	O) NO I) YES B) NO, and	SOCCUPANT CONTACT	(4) YES, and C (8) NOT APPL (9) UNKNOWN		
SIDES FRONT DOOR FRONT HARDWARE FRONT ARMREST FRONT GLASS REAR DOOR AREA REAR HARDWARE REAR ARMREST REAR GLASS ROOF SIDE RAIL B-PILLAR C-PILLAR D-PILLAR HEADLINING ROOF STRUCTURE T-ROOF/SUN ROOF			FRONT FOOT CONTROLS IGNITION KEYS REAR VIEW MIRROR SUNVISOR/FITTINGS (5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES WINDSHIELD TOP MOLDINGS LEFT A-PILLAR (UPPER OR LOWER) RIGHT A-PILLAR (UPPER OR LOWER) CENTER CONSOLE TRANSMISSION SELECTOR LEVER RIM, HORN, SPOKE		INSTRUMENT PANEL UPPER PANEL MID PANEL LOWER PANEL ASHTRAY CONTROL KNOBS & LEVERS GLOVE COMPARTMENT AREA INSTRUMENTS PARKING BRAKE RELEASE PARKING BRAKE PEDAL A/C OR UPPER VENT OUTLETS HEATER OR A/C DUCTS RADIO OTHER: *	
OTHER: *	3 0 43	B 4			REAR WINDOW WINDOW HEADER	8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0
					CONSOLES VERTICAL ROOF	70 70 71

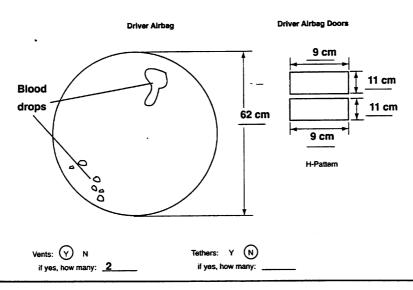
^{*} MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8 Module S T from the previous card. 9 10		2 12	SEATS	(ST-1
FRONT SEAT	Driver	PASSENTR	FRONT SEAT-BACK	DRIVER	PASSENT
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: (99) UNKNOWN	<u>Q</u> <u>S</u>	<u>Ø</u> 5 16	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: (8) NOT APPLICABLE (9) UNKNOWN SEAT-BACK LOCK TYPE (0) NONE	3 30	3 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: (8) NOT APPLICABLE (9) UNKNOWN	17	18	(1) MANUAL (2) INERTIA (3) POWER (7) OTHER: (8) NOT APPLICABLE (9) UNKNOWN	3 2	333
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	19	20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	34	35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	21	22	RECLINER MECHANISM HELD (0) NO (1) YES	<u></u>	<u>]</u>
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	23	<u>₹</u>	(8) NOT APPLICABLE (9) UNKNOWN		
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	25	<u>D</u>	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: (8) NOT APPLICABLE	38	/
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	$Q_{\frac{1}{2}}$	7	(9) UNKNOWN REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN ADJUSTMENT AT CRASH		<u>Ø</u>
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY (8) NOT APPLICABLE (9) UNKNOWN	<u>Ø</u> 28	<u>8</u> €	(1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	Z 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Q 43 Φ 45

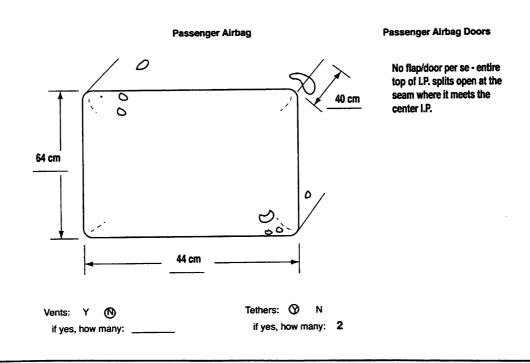
SEATS ST-2								
FRONT SEAT ADJUSTMENT	DRIVER	Passen'r	SECOND SEAT (CONT.)					
SEAT ADJUSTMENT TYPE (0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN ADJUSTMENT PROVIDED (1) 2-WAY	2 46	2 7	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>.</u>			
(2) 4-WAY (3) 6-WAY (7) OTHER: (8) NOT APPLICABLE (9) UNKNOWN	48	49	SECOND SEAT-BACK LOCKS	LEFT	Яіднт			
SEAT ADJUSTER DAMAGE (0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: (8) NOT APPLICABLE (9) UNKNOWN	<u>Ø</u>	<u>D</u>	FOR THE FOLLOWING, USE: (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN LEFT OR CENTER, EQUIPPED	8	8			
SEAT ADJUSTER SEPARATION (0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN	$\frac{8}{52}$	8 3	LEFT OR CENTER, HELD (3) SEAT FOLDED DOWN RIGHT, EQUIPPED	0 = 0 s	8018 818818			
PRE-CRASH POSITION (1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN	2/54	<u>3</u> *	RIGHT, HELD (3) SEAT FOLDED DOWN THIRD SEAT	8 67	68			
SECOND SEAT TYPE OF SECOND SEAT	LEFT	Rіднт	EQUIPPED BACKREST DAMAGED		Ø 28 28 28 28 28 28 28 2			
- (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT	56	57	CUSHION DAMAGED	<u>Z</u> 73	8 72 74			
(6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN SECOND SEAT DAMAGE (0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN	₫	59	VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS (0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN Applies to any rear-seat position	-	75			

Duplicate columns 1-8 Module A B Format 0 from the previous card.		AIRBAG	AB-1
DRIVER SIDE LOCATION OF AIRBAG STEERING WHEEL EQUIPPED (0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED DEPLOYED (0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	13	PASSENGER SIDE LOCATION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX) EQUIPPED (0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED DEPLOYED (0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	16 16
CONDITION OF AIRBAG STEERING WHEEL (0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPEDNOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	<u>Q</u>	CONDITION OF AIRBAG INSTRUMENT PANEL (GLOVE BOX) (0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPEDNOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION	18
DRIVER SIDE AIRBAG STEERING WHEEL TETHER (0) NO (1) YES (6) OTHER (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED MARKED BY CONTACT (0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	<u>O</u> 19 20	PASSENGER SIDE AIRBAG INSTRUMENT PANEL (GLOVE BOX) TETHER (0) NO (1) YES (6) OTHER (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED MARKED BY CONTACT (0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN	21

AIRBAG NUMBER ON DRIVER SIDE:



AIRBAG NUMBER ON PASSENGER SIDE:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,

OCCUPANT INFORMATION AND INJURY CLASSIFICATION,

ARE TO BE FILLED-IN

FOR EACH CASE VEHICLE OCCUPANT,

WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

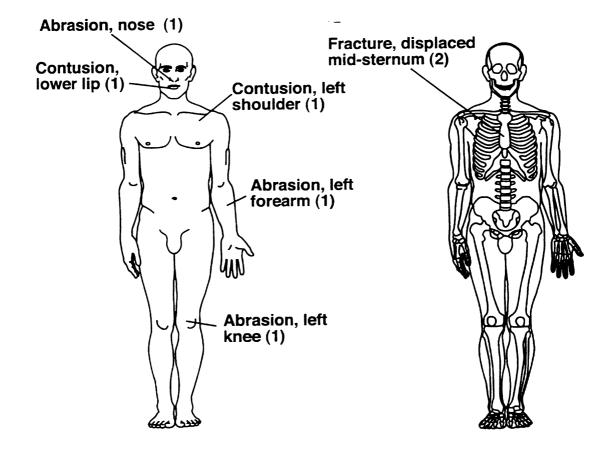
Duplicate columns 1-8 Module O C Format 0 11		OCCUPANT INFORMATION (OC-1
OCCUPANT IDENTIFICATION OCCUPANT NUMBER ROLE OF OCCUPANT AT 1ST IMPACT (1) MOTOR VEHICLE DRIVER (2) MOTOR VEHICLE PASSENGER (NOT DRIVER) (9) UNKNOWN	<u>Q</u> 1 ₁₃ 14	PHYSICAL DESCRIPTION AGE IN YEARS (00) LESS THAN 1 YEAR (98) 98 YEARS OR OLDER (99) UNKNOWN AGE IN MONTHS (00) LESS THAN 1 MONTH (25) 25 MONTHS OR OLDER (99) UNKNOWN	$\frac{8}{20} \frac{0}{21}$ $\frac{3}{20} \frac{5}{20}$
OCCUPANT POSITION ROW LOCATION (1) FRONT (2) SECOND (3) THIRD (4) FOURTH (7) OTHER: (8) EXTERNAL TO PASSENGER COMPARTMENT (E.G. BED OF PICKUP) (9) UNKNOWN	16	MASS (kg) (999) UNKNOWN HEIGHT (cm) (999) UNKNOWN SEX (1) MALE (2) FEMALE (9) UNKNOWN	Q XX 24 25 26 17 8 27 28 29 1 30
LATERAL LOCATION (1) LEFT (2) LEFT CENTER (3) CENTER (4) RIGHT CENTER (5) RIGHT (6) ALL (LYING ON SEAT) (8) EXTERNAL TO PASSENGER COMPARTMENT (9) UNKNOWN	17	MEDICAL CONDITIONS TREATMENT/MORTALITY (00) NONE (01) FIRST AID AT SCENE (02) TREATED AT HOSPITAL/CLINIC BUT NOT ADMITTED (03) HOSPITALIZED FOR OBSERVATION LESS THAN 24 HOURS (04) HOSPITALIZED OVER 24 HOURS OR FOR SIGNIFICANT TREATMENT (05) FATAL, DEAD AT SCENE (06) FATAL, DOA (07) FATAL, DEAD WITHIN 24 HOURS	<u>A</u> 4
POSTURE (10) SITTING ON SEAT (11) SITTING ON SEAT IN ABNORMAL POSITION (E.G. FEET ON DASH, SIDEWAYS) (12) SITTING ON CONSOLE (20) ON LAP OR IN ARMS (30) STANDING ON SEAT (40) STANDING ON FLOOR (47) STANDING, EXTERNAL TO PASSENGER COMPARTMENT (50) IN BASSINET (60) IN CHILD SEAT (65) IN CHILD HARNESS (70) LYING ON SEAT (80) LYING/SITTING ON PASSENGER FLOOR (83) LYING/SITTING ON OTHER	18 19	(08) FATAL, DEAD 24 HOURS TO 31 DAYS LATER (09) FATAL, DEAD 31 DAYS TO 1 YEAR LATER (10) FATAL DEAD WITHIN UNKNOWN PERIOD (99) UNKNOWN INJURY SEVERITY SCORE (ISS) (99) UNKNOWN NON-IMPACT MED. CONDITIONS (0) NONE (1) YES, TIME & TYPE UNKNOWN (2) PRE-CRASH FATAL (CLINICAL DEATH AT WHEEL) (3) PRE-CRASH NON-FATAL (E.G. PRIOR INJURY, STROKE)	$\frac{\mathcal{O}_{\overline{33}}}{\mathcal{O}_{\overline{34}}}$
OBJECT IN PASSENGER COMPARTMENT: (85) ON CARGO FLOOR/FOLDED SEAT-BACK (87) LYING/SITTING, EXTERNAL TO PASSENGER COMPARTMENT (97) OTHER: (99) UNKNOWN		(4) PREGNANT (5) POST-CRASH FATAL (DROWNING) (6) POST-CRASH NON-FATAL INJURY (7) OTHER: (8) COMBINATION OF ABOVE (CIRCLE EACH) (9) UNKNOWN	

		OCCUPANT INFORMATION (OC-2
MEDICAL CONDITIONS (CONT.) POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN	3/36	CHILD SEAT TYPE (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN CHILD SEAT MAKE/MODEL	8 8 41
RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO	3 37 1 39	EJECTION O) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, RIGHT SIDE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	9/45
(3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER:	2 40	HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	

Occupant Information OC-3						
OCCUPANT EYEWEAR (0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER (8) NOT APPLICABLE (9) UNKNOWN	47	SOURCE OF INFORMATION (0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN	7 48			

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

Duplicate columns 1-8 from the previous card.

NOTE: Each line in the table below is a separate record (card).

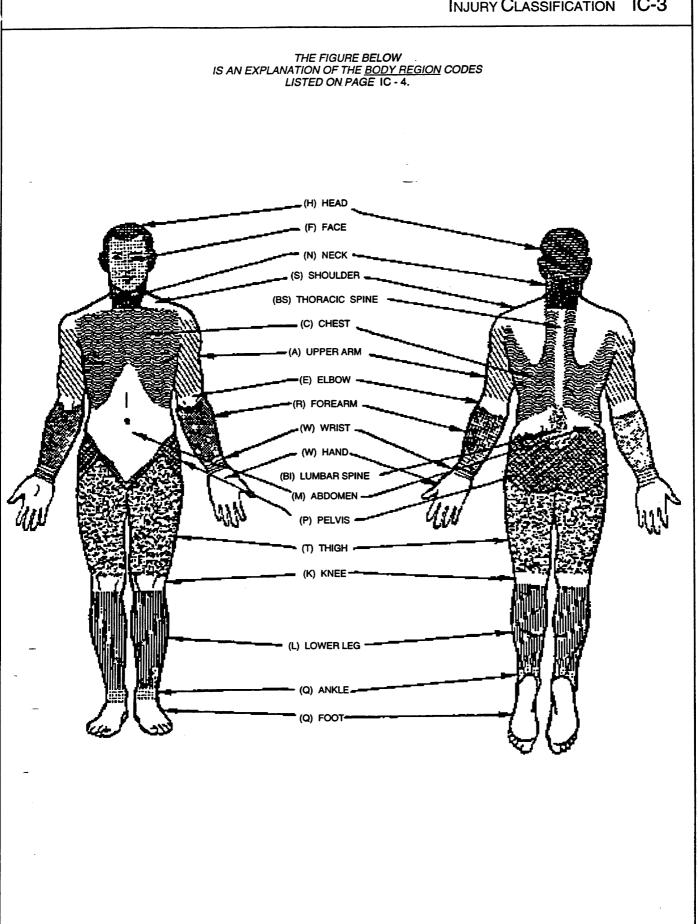
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

						PRIM	ARY C	OIC		AS	SSOC	IATE	OIC		COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PROBAL START V IN 1ST C	BILITY (HOP WITH MOST CONTACT A	IN ORDER OF RIZONTALLY). PROBABLE REA COLUMN. BLE CONTACT	BODY REGION 1	ASPECT Q	LESION 3	SYSTEM/ORGAN 4	SEVERITY W	BODY REGION 1	ASPECT N	LESION 3	SYSTEM/ORGAN 4	SEVERITY LO	
13-14	15-16	17-18	19-20	COMMENTS	21	22	23	24	25	26	27	28	29	30	
QL	QI	87	38	Airboo/glasses Interaction	E	<u>C</u>	A	I	1	_		_		_	
↑	<u> </u>	87		own teeth	F	I	<u>C</u>	I	1	_				_	
	Ø 3	34	87		<u>C</u>	<u>_</u>	F	<u>S</u>	2					_	
	04	34			5	L	٢	I	1		_	_		_	
	<i>Q</i> 5	87			R	L	A	I	1		_				
	06	48					A								
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for each					_	_				_	_				
umber"						_	_		_	_	_	_		_	
"Occupant Number" for each line.					_		_		_	_		_	_	_	
						_			_		_	_		_	
- Duplicate					_							_	_		
					_	_				_	_				
					_	_			_					_	
						_				_	_	_	_		
					_			_	_					_	
							_		_				_		
NOTE:	USE ADDI	TIONAL PA	GES IF NE	CESSARY.				***		L					

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

	CODED TOTT MENO OF TOO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
FRONT	OF PASSENGER COMPARTMENT	SIDES	
(10)	SUNVISOR, FITTING(S) &/OR TOP MOLDING	(20)	SURFACE OF SIDE INTERIOR
(12)	WINDSHIELD	(19)	HARDWARE ON SIDE OR DOOR
(12)	WINDSHIELD	(13)	ARMREST ON SIDE OR DOOR
(05)	INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)	(24)	COAT HOOK
(05)	· · · · · · · · · · · · · · · · · · ·	(24)	COATTIOOR
(54)	UPPER INSTRUMENT PANEL (X)	(00)	MINDOM CLASS (CIDE)
(55)	MIDDLE INSTRUMENT PANEL (Y)	 (22)	· · · · · · · · · · · · · · · · · · ·
(56)	LOWER INSTRUMENT PANEL (Z)	(21)	WINDOW FRAMES (SIDE)
(81)	ASH TRAY <i>(INSTRUMENT PANE</i> L)		
(02)	GLOVE COMPARTMENT AREA		ROOF SIDE RAIL
(47)	AIRBAG (ACRS) COMPARTMENT DOOR/COVER	(14)	A-PILLAR
		(15)	B-PILLAR
(57)	BENEATH INSTRUMENT PANEL	(16)	C-PILLAR
(53)	PARCEL TRAY	(17)	D-PILLAR
(48)	KNEE RESTRAINT	` '	
(86)	VERTICAL CONSOLE	FLOOR	
(30)	VENTIONE CONSCER		FLOOR
(00)	FOOT CONTROLS (INCL. PARKING PRAKE PEDAL)	(27)	CONSOLE ON FLOOR OR BETWEEN SEATS
(28)	FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)	, ,	
		(44)	
(09)	STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)	(85)	PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
(65)	STEERING WHEEL	(28)	FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
(66)	STEERING WHEEL COLUMN	(91)	KICKPANEL
(59)	TRANSMISSION LEVER ON COLUMN		
(/		Roof	
(03)	HARDWARE ITEM (SPECIFIC AREA UNKNOWN)	(25)	ROOF OR CONVERTIBLE TOP
(82)	INSTRUMENT(S)	(10)	SUNVISOR, FITTING(S) &/OR TOP MOLDING
	· · · · · · · · · · · · · · · · · ·	(26)	
(83)	CONTROL KNOB(S) & LEVER(S) (FRONT)	· · ·	
(84)	PARKING BRAKE HANDLE IN FRONT	(24)	
(67)	IGNITION KEY	• •	DOME LIGHT
(06)	MIRROR	(39)	
(04)	HEATER OR AIR CONDITIONING DUCTS	(68)	ROOF MOUNTED CONTROLS/CONSOLE
(01)	AIR CONDITIONING OR VENTILATION OUTLET(S)	(69)	ROLL BAR
(08)	RADIO (BUILT IN)		
(58)	ADD-ON TAPE DECK, RADIO, A/C	EXTERIO	R SURFACE OF CASE VEHICLE
(68)	ROOF MOUNTED CONTROLS/CONSOLES		OUTSIDE SURFACE OF CASE VEHICLE
(66)	HOOF MODITIED CONTROLS/CONCOLES	(0.)	(SPECIFIC AREA UNKNOWN)
0		(OF)	,
REAR		(35)	HOOD OF CASE VEHICLE
(88)	SURFACE OF REAR INTERIOR	(60)	EXTERIOR OF CASE VEHICLE (E.G.
	REAR WINDOW		OUTSIDE MIRRORS, ANTENNA, TRIM)
(39)	REAR WINDOW HEADER	(62)	EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
	REAR SEAT CUSHION & BACK	(63)	TRUNK LID OF CASE VEHICLE
()		(64)	TIRES OF CASE VEHICLE
INTERIOR	R-GENERAL		
	TRANSMISSION SELECTION LEVER (LOCATION UNK.)	BEYOND	CASE VEHICLE BOUNDARY
(59)	TRANSMISSION LEVER ON STEERING COLUMN	(36)	AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
	TRANSMISSION LEVER ON FLOOR OR CONSOLE	(70)	HOOD OF OTHER VEHICLE
(44)		(70)	OTHER VEHICLE EXTERIOR HARDWARE (E.G.
, - · ,	PARKING BRAKE HANDLE (LOCATION UNKNOWN)	(71)	•
(84)	PARKING BRAKE HANDLE IN FRONT		OUTSIDE MIRRORS, ANTENNA, TRIM)
(85)	PARKING BRAKE HANDLE ON FLOOR OR CONSOLE	(73)	EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
(28)	FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)	(74)	HEADLIGHT OR FRONT GRILL OF OTHER VEH.
-		(75)	TRUNK OF OTHER VEHICLE
(29)	FRONT SEAT-BACK(S)	(76)	OUTSIDE SURFACE OF OTHER VEHICLE
(51)	FRONT SEAT CUSHION	(77)	TIRES OF OTHER VEHICLE
(50)	REAR SEAT CUSHION & BACK	(78)	GROUND
' '	ARMREST ON SEAT	(79)	WATER
(49)	UNDER SEAT BOTTOM	(80)	EXTERIOR OBJECT (NOT VEHICLE, GROUND,
(89)	UNDER SEAT BUTTOM	(60)	OR WATER. PLEASE DESCRIBE.)
	TOWN AND THE PROTECT AS A POSSIBLE OF		ON WATER. FLEASE DESCRIBE.
(33)	RESTRAINT SYSTEM HARDWARE	Deve	ATING OR IECTS
(34)	RESTRAINT SYSTEM WEBBING		ATING OBJECTS
(87)	AIR CUSHION SKIN (AIRBAG)		OTHER VEHICLE
(47)	AIRBAG (ACRS) COMPARTMENT DOOR/COVER	(72)	OBJECTS (DESCRIBE)
(46)	AIRBAG GAS		
(48)	KNEE RESTRAINT	MISCELL	ANEOUS
	HEAD RESTRAINT	(00)	NO CONTACT (INVALID FIELD FORM CODE)
	CHILD SEAT RESTRAINTS		OTHER (E.G. FIRE. DESCRIBE)
(42)		(90)	
` '	CHILD SEAT		INDUCED
(31)	INTERIOR LOOSE OBJECT	, ,	
(32)	OTHER OCCUPANT(S)	(97)	
(52)	INTERNAL FLYING GLASS (FROM ANY SOURCE)	(98)	IMPACT FORCE, "WHIPLASH",
	1116.1110.2.1211.12		
(41)	UNKNOWN INTERIOR SURFACE		HYPEREXTENSION/COMPRESSION
(41)	UNKNOWN INTERIOR SURFACE	(99)	HYPEREXTENSION/COMPRESSION UNKNOWN AREA OF CONTACT



CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

4		
- 1	RODY	REGION
	וטטם	negion

- (H) HEAD/SKULL
- (F) FACE
- (N) NECK
- (S) SHOULDER
- (X) UPPER EXTREMITIES
- (A) ARM (UPPER)
- (E) ELBOW
- (R) FOREARM
- (W) WRIST/HAND
- (C) CHEST
- (M) ABDOMEN
- (B) BACK
- (P) PELVIC/HIP
- (Y) LOWER EXTREMITIES
- (T) THIGH
- (K) KNEE
- (L) LEG (LOWER)
- (Q) ANKLE/FOOT
- (O) WHOLE BODY
- (U) UNKNOWN

3 LESION

- (L) LACERATION
- (C) CONTUSION
- (A) ABRASION
- (F) FRACTURE
- (P) PERFORATION, PUNCTURE
- (K) CONCUSSION
- (V) AVULSION
- (R) RUPTURE
- (S) SPRAIN
- (D) DISLOCATION
- (N) CRUSH
- (M) AMPUTATION
- (B) BURN
- (G) DETACHMENT, SEPARATION
- (Z) FRACTURE AND DISLOCATION
- (T) STRAIN
- (E) TOTAL SEVERANCE, TRANSECTION
- (O) OTHER
- (U) UNKNOWN

4 SYSTEM/ORGAN

- (S) SKELETAL
- (V) VERTEBRAE
- (J) JOINTS
- (D) DIGESTIVE
- (L) LIVER
- (N) NERVOUS SYSTEM
- (B) BRAIN
- (C) SPINAL CORD
- (E) EARS
- (O) EYES
- (A) ARTERIES
- (H) HEART
- (Q) SPLEEN
- (G) UROGENITAL
- (K) KIDNEYS
- (R) RESPIRATORY
- (P) PULMONARY/LUNGS
- (M) MUSCLES
- (T) THYROID, OTHER ENDOCRINE GLAND
- (I) INTEGUMENTARY (SKIN)
- (W) ALL SYSTEMS IN REGION
- (U) UNKNOWN

2 ASPECT

- (R) RIGHT
- (L) LEFT
- (B) BILATERAL
- (C) CENTRAL
- (A) ANTERIOR/FRONT
- (P) POSTERIOR/BACK
- (S) SUPERIOR/UPPER
- (i) INFERIOR/LOWER
- (W) WHOLE REGION
- (U) UNKNOWN

SEVERITY 5 SYSTEM/ORGAN 4 LESION 3 ASPECT 0 BODY REGION 1

5 SEVERITY (OR "AIS", ABBREVIATED INJURY SCALE)

- (0) NONE
- (1) MINOR
- (2) MODERATE
- (3) SERIOUS
- (4) SEVERE
- (5) CRITICAL
- (6) MAXIMUM
- (9) UNKNOWN









d Availah























t Available







































CARE NO. 211-00 CASC ICHICLE 1999 Cadillac THES CHATTES #- 4000 cadillac

OCCLPANT (Driver) Bitysen old mate

51A7.00 - 106 on (FP, 13 to ... AVX5 - 66 kg (164 to ... AVX



PN 21100 #35